

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

jc941 U.S.P.T.O.  
10/50/01

**PATENT APPLICATION**

**APPLICANT(S):**

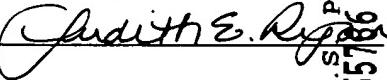
Joseph L. Hellerstein  
Gautam Kar  
Alexander Keller

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I hereby certify that this paper or fee is being deposited with the  
United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated  
below and is addressed to: Assistant Commissioner for Patents,  
Washington, D.C. 20231.

**ASSIGNEE NAME:**

International Business Machines  
Corporation

Date of Deposit: January 5, 2001

Signature: 

jc941 U.S.P.T.O.  
09/15/01  
01/05/01

**ASSIGNEE RESIDENCE:** Armonk, New York

**TITLE:**

Systems and Methods for Service and  
Role-Based Software Distribution

**ASSISTANT COMMISSIONER FOR PATENTS**  
**WASHINGTON, D.C. 20231**

**SIR:**

Enclosed are the following papers relating to the above-named application for patent:

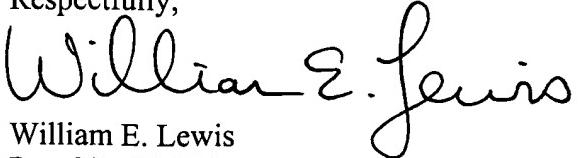
Application - 20 pages of Specification, 6 pages of Claims and 1 page of Abstract  
12 Sheets of informal drawing(s)  
Declaration and Power of Attorney  
Assignment and Recordation Form Cover Sheet

| CLAIMS AS FILED                               |           |           |            |              |
|---|-----------|-----------|------------|--------------|
|   | NO. FILED | NO. EXTRA | RATE       | CALCULATIONS |
| Total Claims                                  | 22-20 =   | 2         | x \$18 =   | \$36         |
| Independent Claims                            | 4-3 =     | 1         | x \$80 =   | \$80         |
| Multiple Dependent<br>Claim(s), if applicable |           |           | \$270 =    | \$0          |
| Basic Fee                                     |           |           |            | \$710        |
|   |           |           | TOTAL FEE: | \$826        |

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$826, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560**. Telephone calls should be made to the under-signed attorney at (516) 759-2946.

Respectfully,



William E. Lewis  
Reg. No. 39,274  
Attorney for Applicant(s)

Date: January 5, 2001  
**Ryan, Mason & Lewis, LLP**  
**90 Forest Avenue**  
**Locust Valley, New York 11560**